

Figure 1

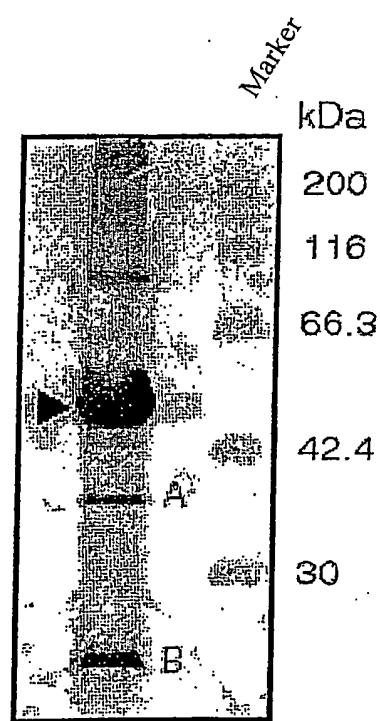


Figure 2

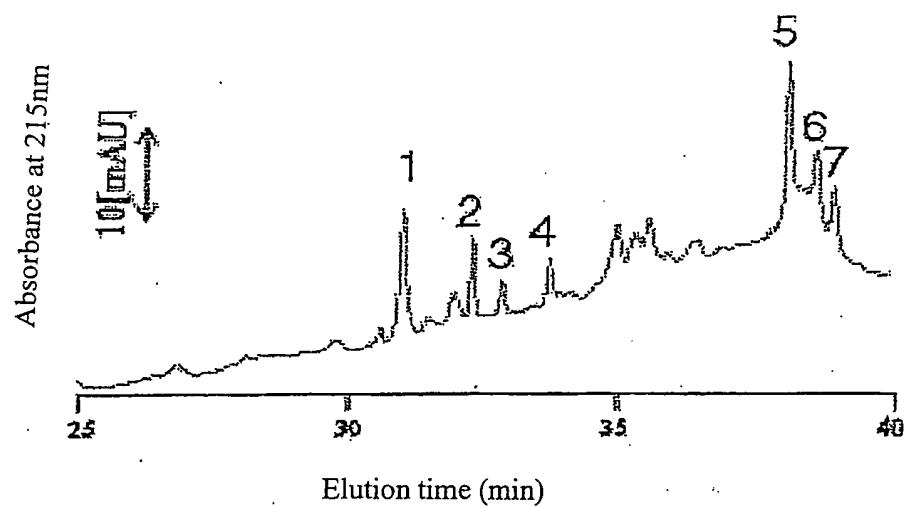


Figure 3

MAAPRAGRGAGWSLRAWRALGGIRWGRRPRLTPDLRALLT 40  
SGTSDPRARVTVGTPSLWARLSVGVTPEPACLTSGTPGPR 80  
AQLTAVTPDTRTREASENSGTRSRAWLAVALGAGGAVLLI 120  
LWGGGRGPPAVLAAVPSPPPASPRSQYNFIADVVEKTAPA 160  
VVYIEILD**R**HPF**L**GREVPISNGSGFVVAA**D**GLIVTNAHVV 200  
ADRRRRVVRVRLLSGDTYEAVVTA**D**PVADIATLRIQTKEPL 240  
PTLPLGRSADVRQ**G**EFVVAMGSPF**A**LQNTITSGIVSSAQR 280  
PARDLGLPQTNVEYIQTDAIDFGNSGGPLVNLD**G**EVIGV 320  
NTMKVTAGISFAIPS**D**RLREFL**H**RGEKKNSSSG**I**SGSQRR 360  
YIGVMMTLSPSILAE**L**QLREPSFPDVQHGVL**I**HKVILGS 400  
PAHRAGLRPGDVILAIGEQMVQNAEDVYEAVRTSQLAVQ 440  
IRRGRETLTLYVTPEVTE 458

Figure 4

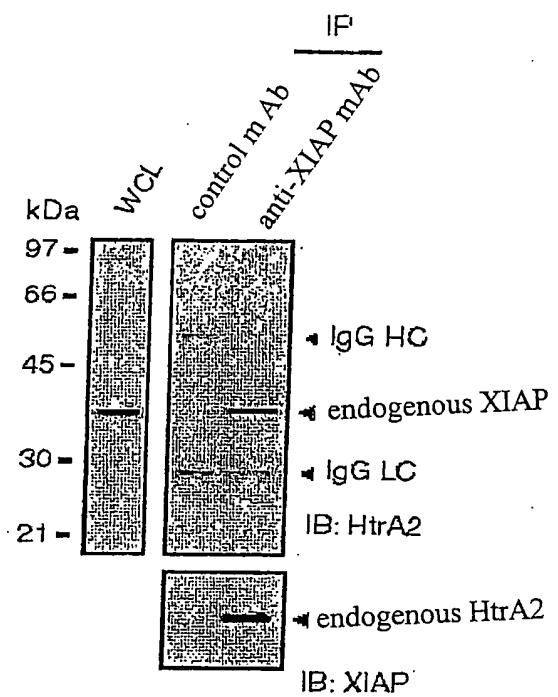


Figure 5

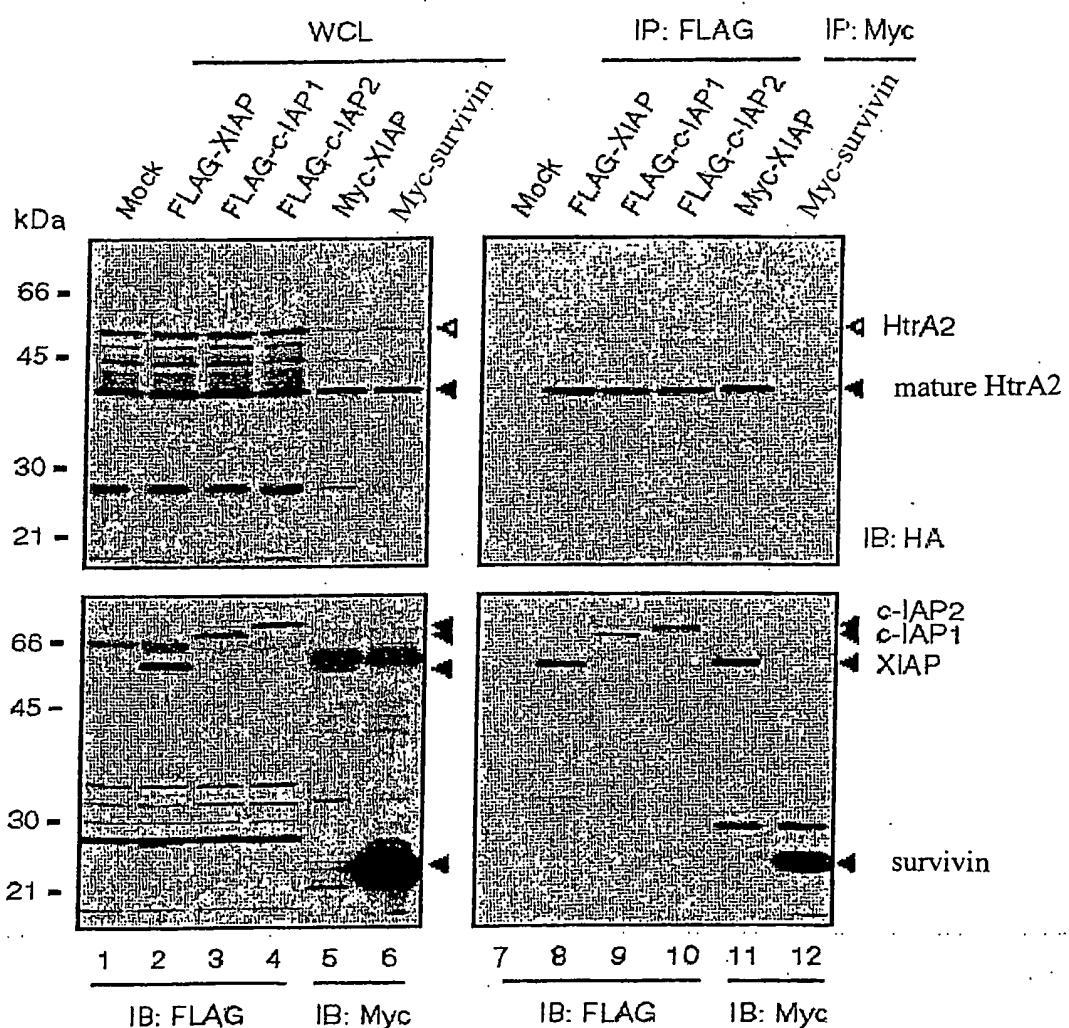


Figure 6

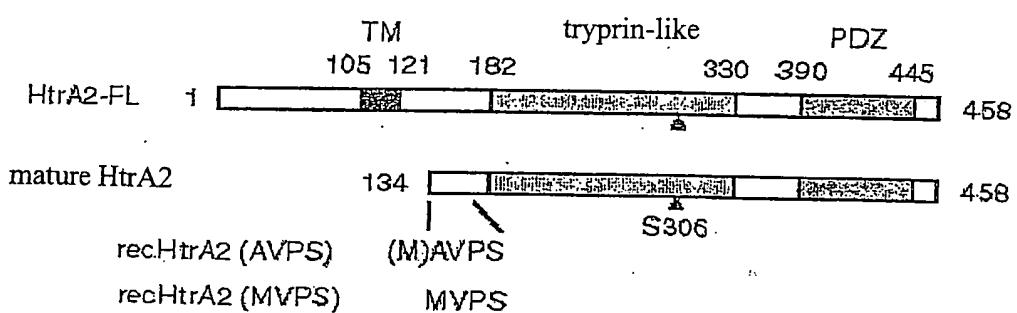


Figure 7

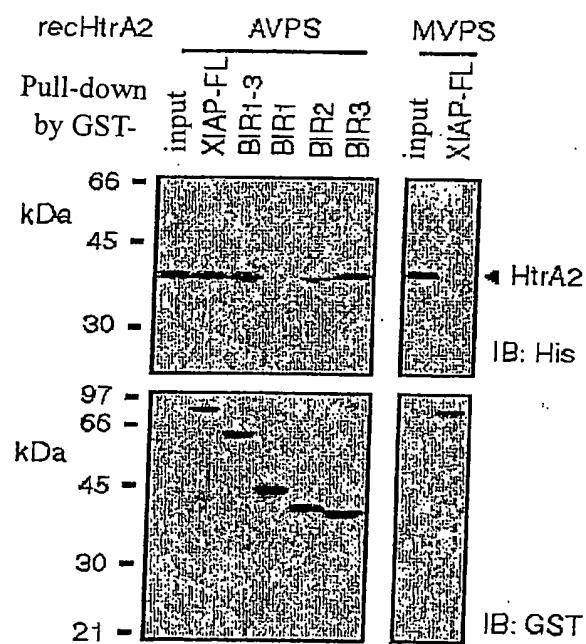


Figure 8

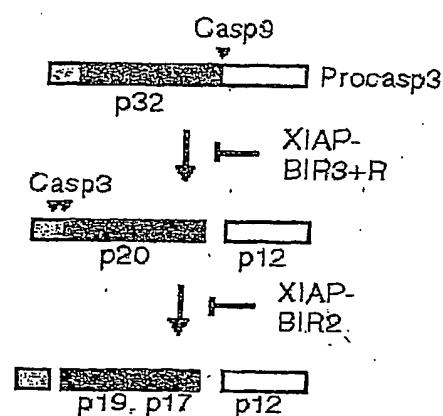


Figure 9

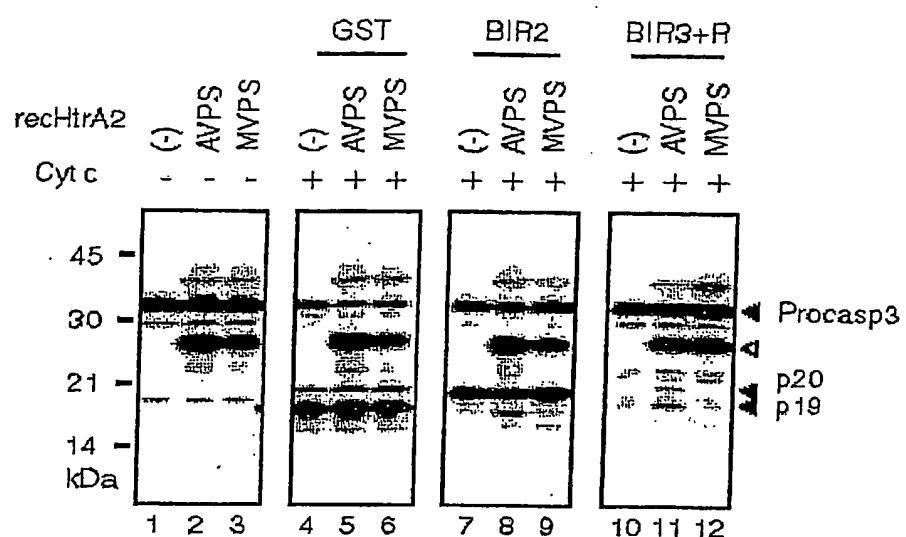


Figure 10

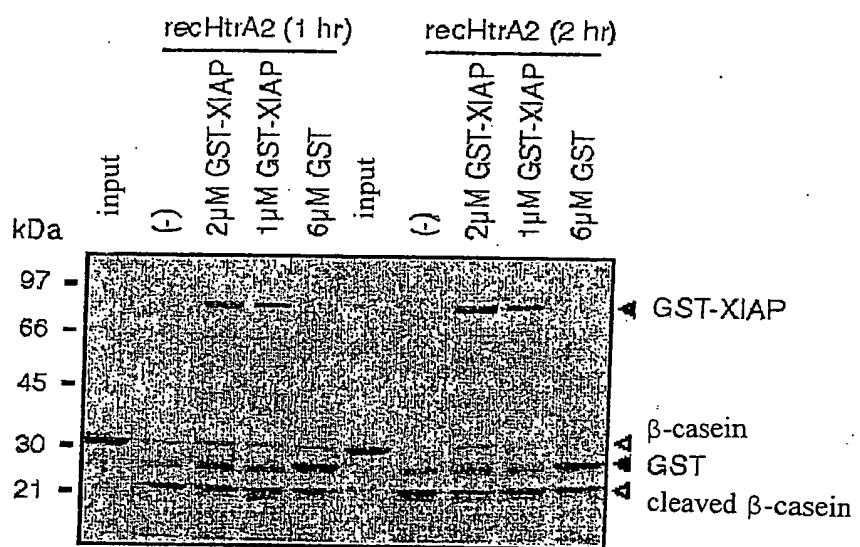


Figure 11

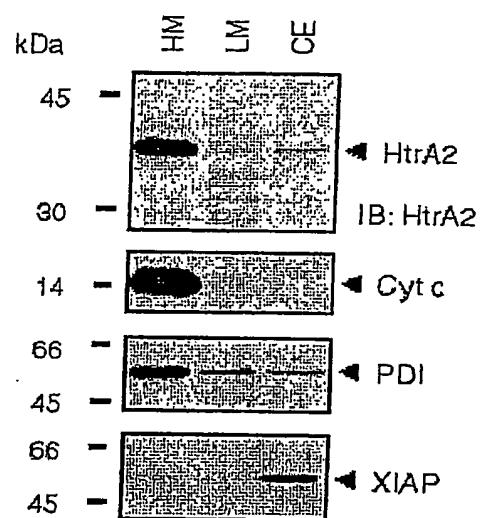


Figure 12

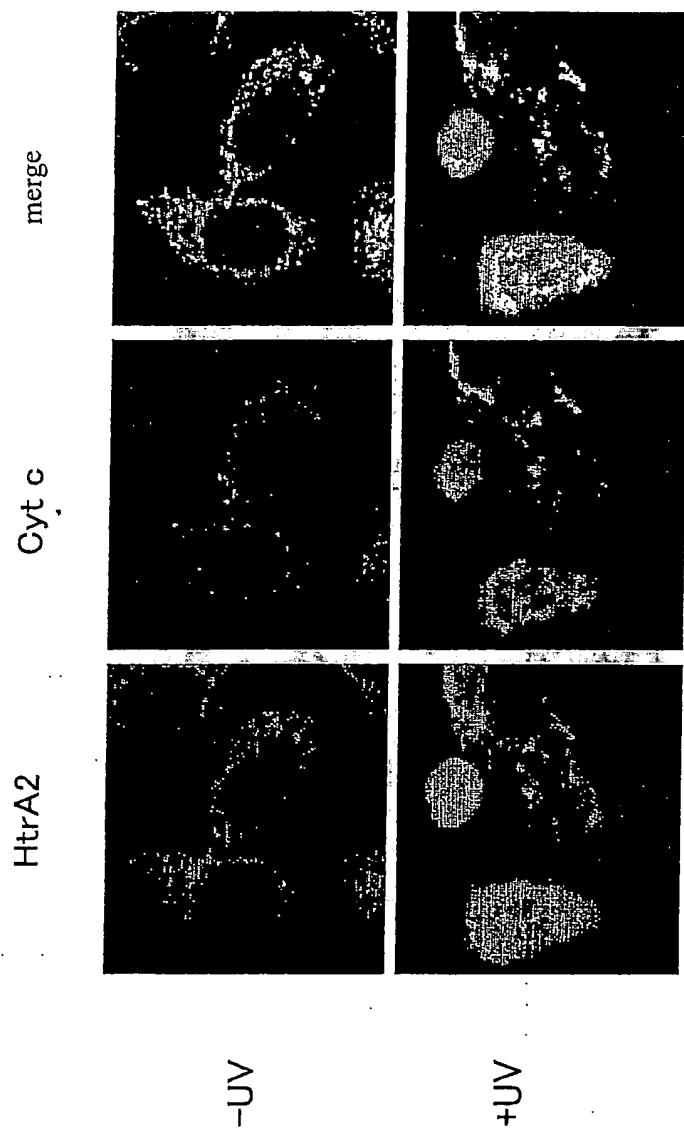


Figure 13

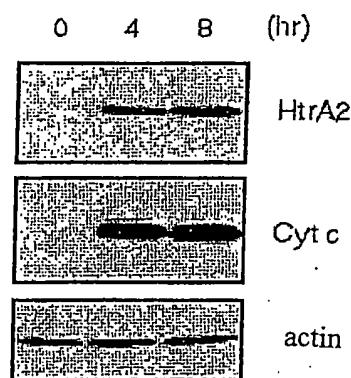


Figure 14

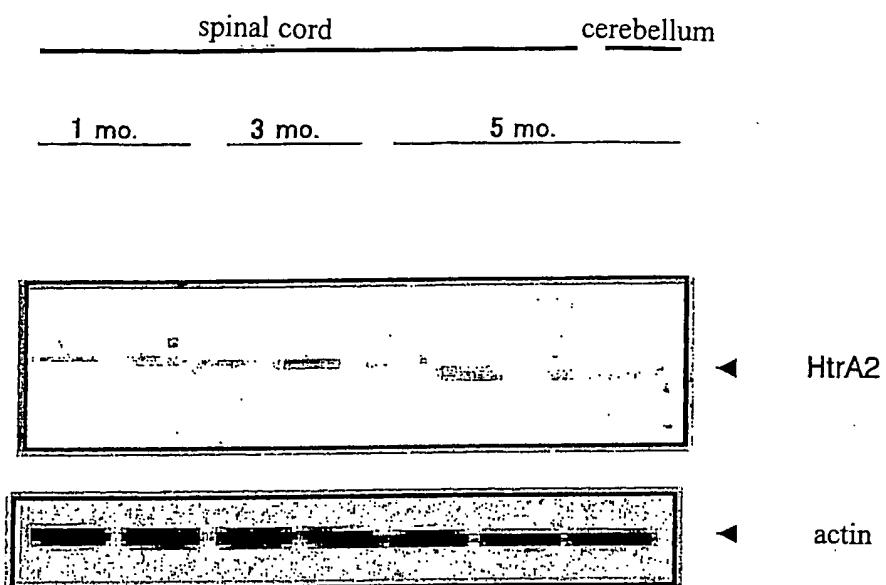


Figure 15

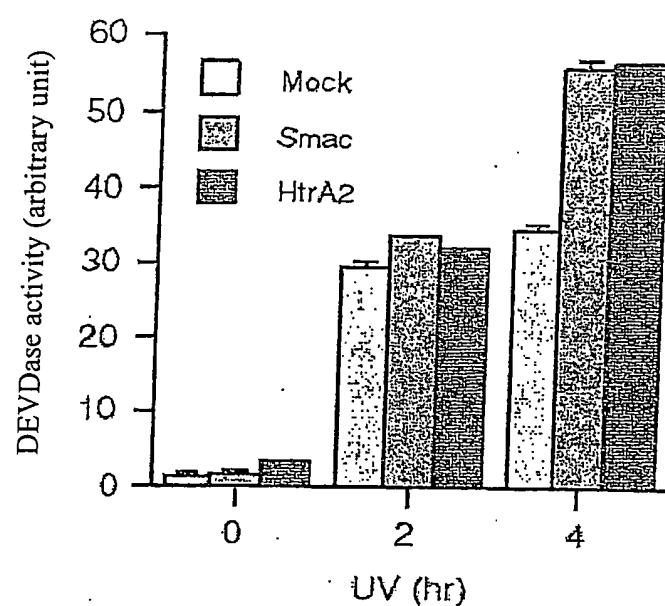


Figure 16

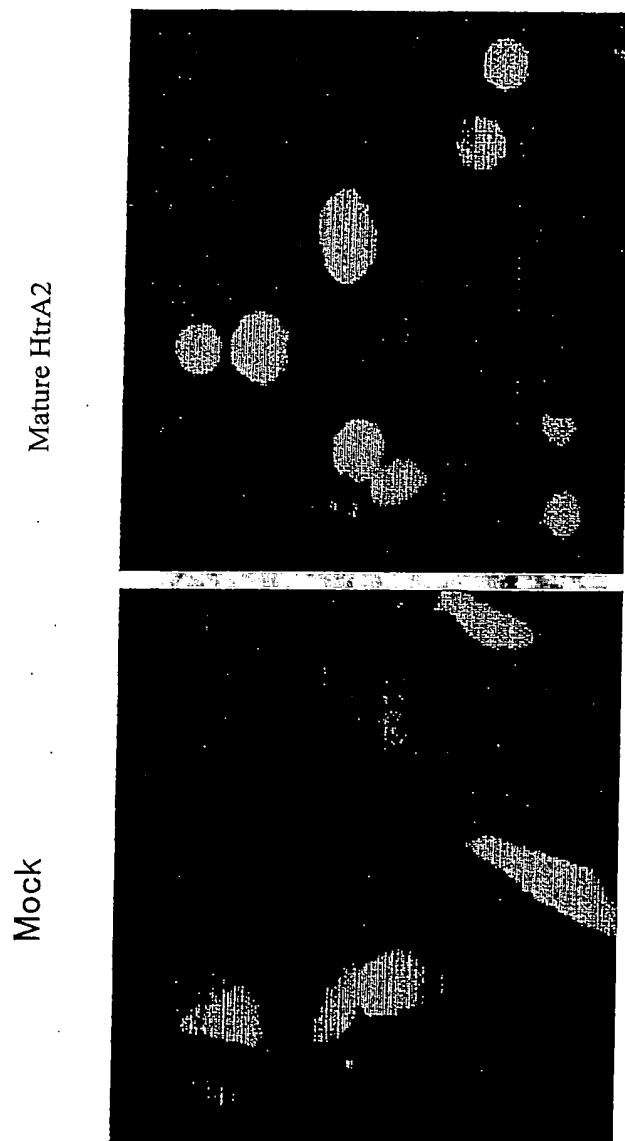


Figure 17

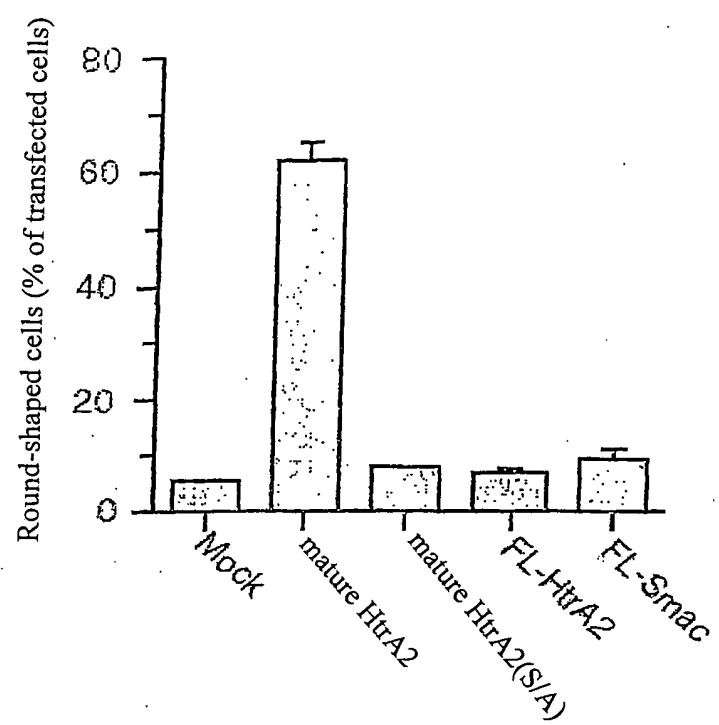


Figure 18

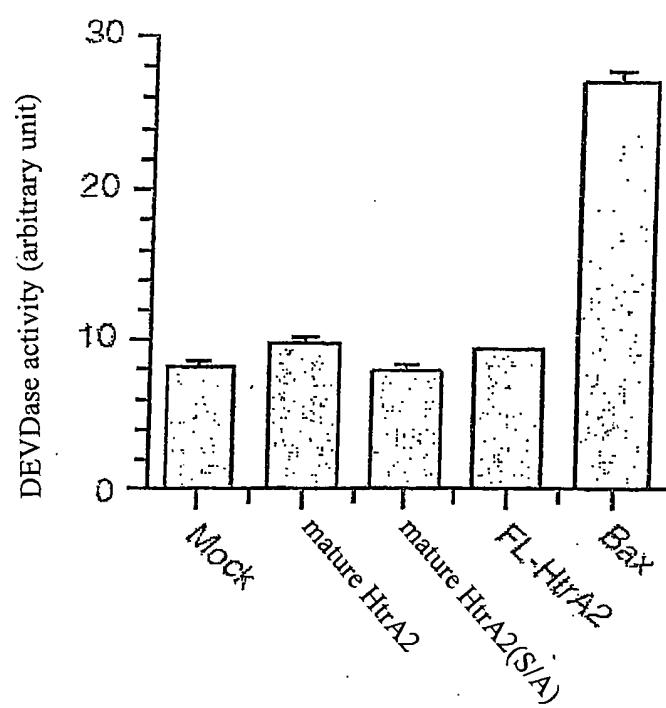
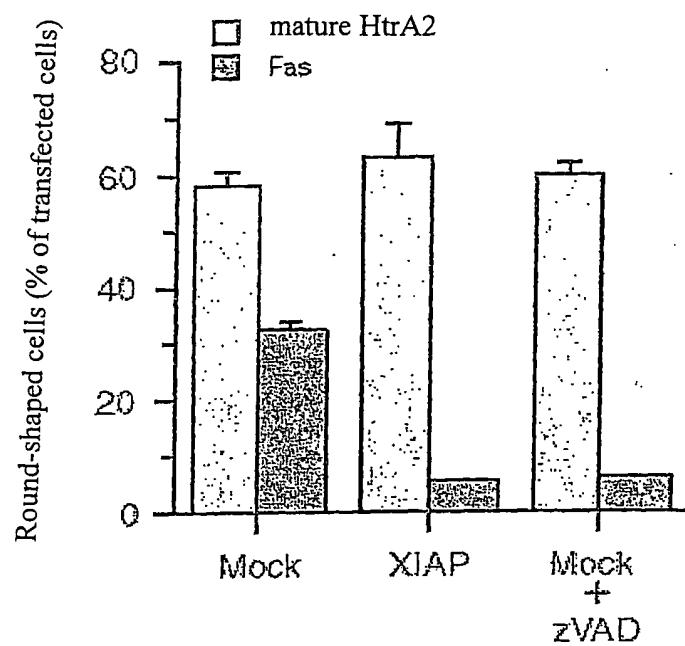


Figure 19



**This Page is Inserted by IFW Indexing and Scanning  
Operations and is not part of the Official Record.**

## **BEST AVAILABLE IMAGES**

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images include but are not limited to the items checked:

- BLACK BORDERS**
- IMAGE CUT OFF AT TOP, BOTTOM OR SIDES**
- FADED TEXT OR DRAWING**
- BLURRED OR ILLEGIBLE TEXT OR DRAWING**
- SKEWED/SLANTED IMAGES**
- COLOR OR BLACK AND WHITE PHOTOGRAPHS**
- GRAY SCALE DOCUMENTS**
- LINES OR MARKS ON ORIGINAL DOCUMENT**
- REFERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY**
- OTHER:** \_\_\_\_\_

**IMAGES ARE BEST AVAILABLE COPY.**

**As rescanning these documents will not correct the image problems checked, please do not report these problems to the IFW Image Problem Mailbox.**